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TITLE: FLAME RETARDANT **TACKY** FILM AND TAPE

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ABSTRACT:

PROBLEM TO BE SOLVED: To prepare a flame retardant **tacky** film, consisting essentially of an alkyl (meth)**acrylate** capable of providing a high shear strength and bonding strength, having flame retardance without containing any halogen and further a high **adhesive** strength and useful as automobiles, household appliances, etc.

SOLUTION: This flame retardant **tacky** film is obtained by forming a composition comprising (A) 100 pts.wt. copolymer prepared by copolymerizing a 4-14C alkyl (meth)**acrylate** with a vinyl monomer copolymerizable with the alkyl (meth)**acrylate** and (B) 5-70 pts.wt. mixture comprising three components of (i) **ammonium polyphosphate,** (ii) a nitrogen-containing compound of the

formula
(R<SP>1</SP> to R<SP>3</SP> are each H, a 1-16C hydroxyalkyl,
dihydroxyalkyl or
hydroxyaryl, etc.) and (iii) a metallic oxide into a filmy shape.
The
resultant film has ≥50% percentage of stress relaxation after
20min when
stretched to 100%.